

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (original): A method for preparing an immunogenic formulation comprising oil bodies and an antigen, said method comprising:

- (a) producing an antigen in a cell;
- (b) associating said antigen with oil bodies through an oil body targeting protein capable of associating with said antigen and said oil bodies;
- (c) obtaining the oil bodies associated with the antigen;
- (d) washing the oil bodies to obtain washed oil body preparation comprising the antigen; and
- (e) formulating the washed oil bodies associated with the antigen into an immunogenic formulation.

2 (original): A method according to claim 1 wherein said oil body targeting protein is an oil body protein.

3 (original): A method according to claim 1 wherein said oil body protein is an oleosin.

4 (original): A method for preparing an immunogenic formulation according to claim 1 wherein the antigen is produced in a cell and associated with oil bodies through an oil body targeting protein capable of associating with said antigen and said oil bodies, according to a method comprising:

- (a) introducing into a cell a chimeric nucleic acid sequence comprising:
 - (1) a first nucleic acid sequence capable of regulating transcription in said cell operatively linked to;
 - (2) a second nucleic acid sequence encoding a recombinant fusion polypeptide comprising (i) a first nucleic acid sequence encoding a

sufficient portion of an oil body protein to provide targeting to an oil body linked in reading frame to (ii) a second nucleic acid sequence encoding an antigen operatively linked to;
(3) a third nucleic acid sequence capable of terminating transcription in said cell; and
(b) growing said cell under conditions to permit expression of said antigen in a progeny cell comprising oil bodies.

5 (original): A method according to claim 4 wherein said oil body protein is an oleosin.

6 (original): A method according to claim 4 wherein said chimeric nucleic acid sequence is introduced into a plant cell.

7 (currently amended): A method according to claim 4-6 wherein said plant cell is a safflower cell.